

Release notes for ENDF/B Development dec-064_Gd_150
evaluation

ENDF
B-VII.dev

October 14, 2016

• fizcon Errors:

1. At least one gamma ray needed for given source mode
MAT=2209, MF= 8, MT=457 (1): Need gamma ray

ERROR(S) FOUND IN MAT=2209, MF= 8, MT=457
 GAMMA RAY NEEDED, SOURCE MODE= 4

2. Energies released in decay not adding up!
MAT=2209, MF= 8, MT=457 (2): Bad energy sum

ERROR(S) FOUND IN MAT=2209, MF= 8, MT=457
 PARTICLE ENERGY (AE) SUMUP FAILURE
 WHOLE= 2.79869E+06 SUM= 2.72600E+06 SEQUENCE NUMBER 2

3. Energies released in decay not adding up!
MAT=2209, MF= 8, MT=457 (3): Bad energy sum

ERROR(S) FOUND IN MAT=2209, MF= 8, MT=457
 ALPHA AVERAGE ENERGY SUMUP FAILURE
 WHOLE= 2.72600E+06 SUM= 2.80078E+06